

Project Title:	Modification of DNA Polymerase d by a Novel Mechanism During Replication Stress
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A novel function of CRL4(Cdt2): regulation of the subunit structure of DNA polymerase δ in response ...	Zhang, Sufang; Zhao, Hong; Darzynkiewicz, Zbiegniew; Zhou, Pengbo; Zhang, Zhongtao; Lee, Ernest Y C; Lee, Marietta Y W T	J Biol Chem (2013 Oct 11)	288 / 29550-61	PubMed Citation
Beyond translesion synthesis: polymerase κ fidelity as a potential determinant of microsatellite sta ...	Hile, Suzanne E; Wang, Xiaoxiao; Lee, Marietta Y W T; Eckert, Kristin A	Nucleic Acids Res (2012 Feb)	40 / 1636-47	PubMed Citation
Characterization of human DNA polymerase delta and its subassemblies reconstituted by expression in ...	Zhou, Yajing; Meng, Xiao; Zhang, Sufang; Lee, Ernest Y C; Lee, Marietta Y W T	PLoS One (2012)	7 / e39156	PubMed Citation
DNA damage alters DNA polymerase delta to a form that exhibits increased discrimination against modi ...	Meng, Xiao; Zhou, Yajing; Zhang, Sufang; Lee, Ernest Y C; Frick, David N; Lee, Marietta Y W T	Nucleic Acids Res (2009 Feb)	37 / 647-57	PubMed Citation
Dynamics of enzymatic interactions during short flap human Okazaki fragment processing by two forms ...	Lin, Szu Hua Sharon; Wang, Xiaoxiao; Zhang, Sufang; Zhang, Zhongtao; Lee, Ernest Y C; Lee, Marietta Y W T	DNA Repair (Amst) (2013 Nov)	12 / 922-35	PubMed Citation
Efficient long DNA gap-filling in a mammalian cell-free system: a potential new in vitro DNA replica ...	Nakao, Seiki; Zhang, Sufang; Vaara, Markku; Syvaaja, Juhani E; Lee, Marietta Y; Tsurimoto, Toshiki; Karran, Peter; Oda, Shinya	Biochimie (2013 Feb)	95 / 320-8	PubMed Citation

Expression of the p12 subunit of human DNA polymerase δ (Pol δ), CDK inhibitor p21(WAF1), Cdt1, cycl ...	Zhao, Hong; Zhang, Sufang; Xu, Dazhong; Lee, Marietta Ywt; Zhang, Zhongtao; Lee, Ernest Yc; Darzynkiewicz, Zbigniew	Cell Cycle (2014)	13 / 3529-40	PubMed Citat
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Initiation and termination of DNA replication during S phase in relation to cyclins D1, E and A, p21 ...	Darzynkiewicz, Zbigniew; Zhao, Hong; Zhang, Sufang; Lee, Marietta Y W T; Lee, Ernest Y C; Zhang, Zhongtao	Oncotarget (2015 May 20)	6 / 11735-50	PubMed Citat
P50, the small subunit of DNA polymerase delta, is required for mediation of the interaction of poly ...	Wang, Yujue; Zhang, Qian; Chen, Huiqing; Li, Xiao; Mai, Weijun; Chen, Keping; Zhang, Sufang; Lee, Ernest Y C; Lee, Marietta Y W T; Zhou, Yajing	PLoS One (2011)	6 / e27092	PubMed Citat
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